



Managing the Interfaces

The 4th International Symposium on Computer Mapping and GIS for Coastal Zone Management

June 18, 19 and 20, 2001
Halifax, Nova Scotia, Canada

CALL FOR PAPERS

Deadline for receipt of abstract	30 November 2000
Author notification of acceptance	15 January 2001
Deadline for receipt of full papers	15 May 2001

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The Program Committee for CoastGIS 2001 extends an invitation to all researchers and practitioners of GIS for the coastal zone to submit abstracts for oral presentations, posters or demonstrations.

Halifax, Canada will be the site for the 4th international symposium dedicated to GIS for the coastal zone. It follows in the tradition of excellence and intimacy of the previous CoastGIS symposia held in Cork, Aberdeen and Brest. The three-day program will be composed of invited papers, contributed papers, poster sessions and new for CoastGIS, a demonstration session where authors will be able to demonstrate their application in action.

CoastGIS 2001 is held under the auspices of the Marine Cartography Commission of the **International Cartographic Association** and the Commission on Coastal Systems of the **International Geographical Union**. In addition, three Canadian organizations are sponsors, the **Coastal Zone Canada Association**, the **Atlantic Coastal Zone Information Steering Committee** and the **Geomatics Association of Nova Scotia**.

To submit an abstract for consideration by the Program Committee (see over), send an electronic mail message to coastgis2001@agc.bio.ns.ca containing:

1. The name and affiliation of all the authors and the full contact details of the principal author including his/her electronic mail address.
2. An extended abstract (Maximum 1000 words)
3. The sub-theme (see over) you are targeting and the type of presentation you prefer i.e. oral presentation, poster, or demonstration.



The theme for CoastGIS 2001 is **Managing the Interfaces**, a theme with a multi-tiered meaning. The most obvious meaning is the sea to land interface recognizing the ultimate purpose of our work is the improved management and understanding of the coastal zone. There are other interfaces which the CoastGIS 2001 symposium will address, the interface between technology and the human being, the interface between traditional and scientific approaches to knowledge, the interface between data providers and users and the human-computer interface of GIS. Authors are asked to target their abstracts to one of the following sub-themes:

1. Technology and the non-specialist - Human problems and human solutions. This theme will include papers on the topics of education, community uses of GIS as well as training needs and opportunities.
2. Data policy with regard to sharing, access and dissemination - GIS often makes it technically feasible to share and access information where other impediments exist. This theme will include papers that deal with the non-technical issues of sharing GIS information such as pricing, ownership, privacy and policy.
3. Tools and standards with regard to data and information access - This theme will highlight GIS tools and standards that promote access and use of information. Framework standards including data models provide a common basis for interfacing among systems. The theme will also cover particular GIS tools that have been developed to access and use information, and more general papers on methods of remotely accessing GIS information over the Internet.
4. The TEK/Technology interface - Traditional Ecological Knowledge (TEK) is more and more being recognised as a very useful resource on which to build a historical perspective and or to assist in evaluating the present status of a resource. By nature TEK is rarely structured in sufficient detail for input and overlay with other GIS layers. This session will have papers that attempt to remove the difficulties of compiling TEK with other GIS layers so that users can develop useful products based on all available information
5. Information infrastructure in support of geospatial applications - Many countries are actively pursuing the development of geospatial frameworks to support information access. This theme will have papers on existing efforts, attempting to transfer information on successful approaches among participants.
6. Measuring and modeling the interface – This theme will include papers on new technologies for measurement in the coastal zone and how the data from these tools are managed and applied. This theme will also include papers on techniques for modeling coastal zone processes and the integration of models into GIS systems.

The CoastGIS 2001 Program Committee is composed of leading GIS researchers and practitioners from four continents:

Darius Bartlett , University College Cork, Ireland	Jacques Populus , IFREMER, France
Francois Cuq , Institut universitaire Europeen de la Mer, France	Gerardo M. E. Perillo , Instituto Argentino De Oceanografia, Argentina
Cynthia Fowler , NOAA, Coastal Service Center, USA	Yves Reginster , GERE, Luxembourg
Ron Furness , Australian Hydrographic Office, Australia	Simeon Roberts , Centre for Geographic Science, NSCC, Canada
David Green , University of Aberdeen, United Kingdom	Lionel Loubersac , IFREMER, France
John Hughes-Clark , University of New Brunswick, Canada	Christian Stewart , Orca Technologies International Inc, Canada
Rongxing (Ron) Li , Ohio State University, USA	Danika van Proosdij , St. Mary's University, Canada
Stephen King , University of Aberdeen, United Kingdom	Herman Varma , Canadian Hydrographic Service, Canada
Robert Maher , Centre for Geographic Sciences, NSCC, Canada	Andrew Sherin , Geological Survey of Canada, Canada

The Organizing Committee has representation from government, academic, industry and non-governmental sectors in Nova Scotia chaired by **Andrew Sherin, Geological Survey of Canada** (sherin@agc.bio.ns.ca) and **Paul Macnab**, Oceans Branch, **Department of Fisheries and Oceans** (pmacnab@mar.dfo-mpo.gc.ca).

Important Notes for Authors: E-mail attachments must be in rtf format. The Program Committee will correspond with the principal author. The preferred form of communication is electronic mail. Abstracts may be in English, French or Spanish. Full papers will be distributed to delegates at the symposium. The Program Committee will review full papers and selected papers will be published in a book.